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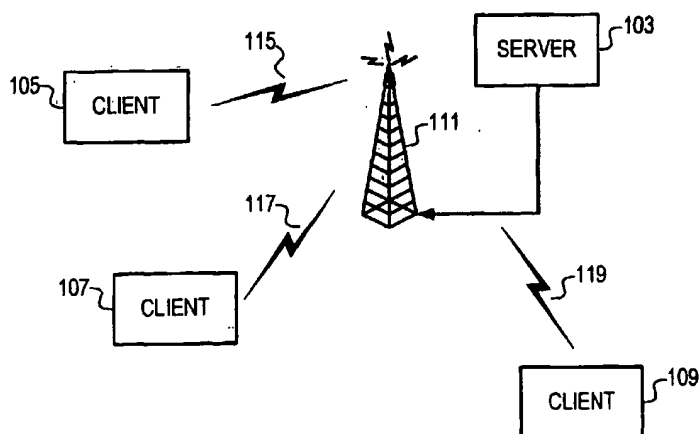
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPARATUS TO SEND FEEDBACK FROM CLIENTS TO A SERVER IN A CONTENT DISTRI-
BUTION BROADCAST SYSTEM



(57) Abstract: Methods and apparatuses providing feedback to a server from a client in a content distribution broadcast system. In one aspect, feedback is sent from a client to a server in response to a trigger. In another aspect, feedback is sent after a predetermined amount of time has lapsed. In yet another aspect, feedback is sent after a rankings or ratings have been generated for a predetermined number of pieces of content. In still another aspect, feedback is sent after a predetermined amount of content has been consumed. In yet another aspect, feedback is sent when the amount of unconsumed content is less than a predetermined threshold amount.



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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 02/17381

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04L12/18 H04H9/00 H04N7/173		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04H H04N		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 160 989 A (BONNER ALFRED E ET AL) 12 December 2000 (2000-12-12)	1,2,4,5, 23,24, 26,27, 45,46, 48,49, 64-67, 71,73
Y	column 3, line 40 - column 4, line 59 column 8, line 49 - column 9, line 33 column 27, line 16 - column 28, line 57 ----- -/--	3,25,47, 72
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the actual completion of the international search 20 June 2003		Date of mailing of the international search report 20.10.2003
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer Van Hoorick, J.

INTERNATIONAL SEARCH REPORT

International Application No
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GUMMALLA A C V ET AL: "An access protocol for a wireless home network" WIRELESS COMMUNICATIONS AND NETWORKING CONFERENCE, 1999. WCNC. 1999 IEEE NEW ORLEANS, LA, USA 21-24 SEPT. 1999, PISCATAWAY, NJ, USA, IEEE, US, 21 September 1999 (1999-09-21), pages 1392-1396, XP010353704 ISBN: 0-7803-5668-3 page 1392, right-hand column, lines 15-41 page 1394, right-hand column, lines 1-17 -----	3,25,47, 72
A	WO 01 15449 A (SINGULARIS S A ;VAMPARYS FRANCK (CH)) 1 March 2001 (2001-03-01) page 5, line 5 - page 6, line 9 page 11, line 3 - page 15, line 18 -----	1-5, 23-27, 45-49, 64-67, 71-73

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 02/17381

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically, claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-5, 23-27, 45-49, 64-67, 71-73

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5 23-27 45-49 64-67 71-73

Method, apparatus and system for receiving content descriptors and a trigger signal from a server, and for sending feedback in response to said trigger signal.

2. claims: 6-9 28-31 50-52 68-70 74-76

Method, apparatus and system for receiving content descriptors from a server and for sending feedback after fixed time intervals.

3. claims: 10-15 32-37 53-56 77-79

Method, apparatus and system for receiving content descriptors from a server and for generating demand data after which feedback is sent to the server

4. claims: 16-22 38-44 57-63 80-85

Method, apparatus and system for receiving content descriptors and content from a server, for storing said content and for sending feedback after an amount of the stored content is consumed.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/17381

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